

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number  
**WO 2005/089029 A1**

(51) International Patent Classification<sup>7</sup>: **H05B 37/02**,  
H02J 13/00, H01R 13/46

(21) International Application Number:  
PCT/NL2005/000145

(22) International Filing Date: 28 February 2005 (28.02.2005)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:  
NL 1025613 2 March 2004 (02.03.2004) NL

(71) Applicant (for all designated States except US): **PEX, Franciscus, Antonius, Maria** [NL/NL]; Schutterseg 103, NL-4761 BB Zevenbergen (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **DEN RIDDER, Franciscus Petrus** [NL/NL]; 's-Heerenwei 65, NL-4761 VE Zevenbergen (NL).

(74) Agents: **EVELEENS MAARSE, Pieter** et al.; Patentwerk B.V., P.O. Box 1514, NL-5200 BN 's-Hertogenbosch (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

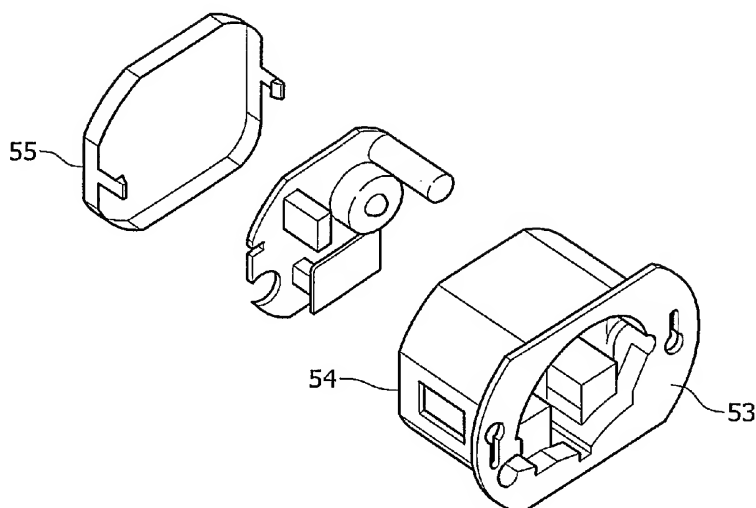
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,

[Continued on next page]

(54) Title: REMOTELY CONTROLLABLE SWITCH FOR INCORPORATING IN A WALL SOCKET



(57) Abstract: The invention relates to a remotely controllable switch unit for switching the mains inside an electrical installation, wherein the switch unit comprises an electrically controllable switch, a control circuit for controlling the switch, a receiver coupled to the control circuit for receiving wireless signals, wherein the switch unit is adapted for mounting in a housing of a wall socket. As a result of these measures it is no longer necessary to place a separate unit between the wall socket and the plug for connecting thereto. The appearance of an electrical installation is hereby improved. Relative to a "bus" system and similar devices, the advantage results that arranging of such a switch unit can take place in particularly simple manner; no changes need after all be made to the wiring of the electrical installation.

WO 2005/089029 A1



CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*